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Docket No. YOR919990159US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Applicant(s) Bolle et al.
Docket No.: YOR919990159US1
Serial No.: 09/290,645
Filing Date: April 12, 1999
Group: 2134
Examiner: Matthew Smithers

I hereby certify that this paper is being deposited on this date with the U.S. Postal Service as first class mail addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Signature: Vina Maurice Date: October 23, 2003

Title: System and Method for Liveness Authentication
Using an Augmented Challenge/Response Scheme

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TC 1700

AMENDMENT AND RESPONSE TRANSMITTAL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

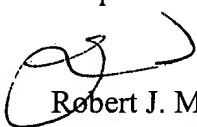
Submitted herewith are the following documents relating to the above-identified patent application:

1. Amendment and Response to Office Action; ✓
2. Affidavits Under 37 C.F.R. §1.131; and ✓
3. Petition for Extension of Time.

There is no additional claim fee due in connection with the Response. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **IBM Corporation Deposit Account No. 50-0510** as required to correct the error. Duplicate copies of this letter are enclosed.

Respectfully submitted,

Dated: October 23, 2003


Robert J. Mauri
Attorney for Applicant(s)
Reg. No. 41,180
Ryan, Mason & Lewis, LLP
1300 Post Road, Suite 205
Fairfield, CT 06430
(203) 255-6560